Index of Authors, Volume XII

Abbott, L. E.	X-Ray Examination for Metal Defects	72
Ashbaugh, R. P.	Entrance Cables for Carrier Toll Circuits	140
Bailey, G. E.	No. 8 Test and Control Board	337
Baillard, H.	Pounds of Prevention—Gas-Filled Cables	214
Bedell, E. H.	Auditorium Acoustics and Control Facilities for Reproductions in Auditory Perspective	199
Bennett, A. F.	Amplifying Watch Sounds	89
Biddulph, R.	Differential Pitch Sensitivity of the Ear	45
Black, H. S.	Feedback Amplifiers	290
Brigham, C. A.	Neutralizing Disturbance Voltages in Communication Circuits	311
Browne, B. O.	Remote Tuning Controls for Aircraft Radio Receivers	268
Burton, E. T.	Audio-Frequency Atmospherics	226
Chegwidden, R. A.	Permanent Magnets	130
Clement, A. W.	Line Filters for Open-Wire Program Circuits	167
Coutlee, K. G.	Evaluating Arc Resistance of Insulating Materials	92
Cox, J. H.	Quantitative Test for Tackiness	21
Crane, R. E.	Long Distance Transmission for Auditory Perspective	209
Crutchfield, F. L.	An Artificial Ear for Receiver Testing	81
Darnell, P. S.	Retardation Coils for Precision Filters	375
Dehmel, R. C.	One-Pair Loaded Emergency Cable	54
deKay, R. D.	Lubricating Brushes for M-Type Generators	103
Egerton, L.	Oxidation of Organic Substances	249
Elliott, J. S., Jr.	Transmission Measuring Circuit for Transformers	120
Englund, C. R.	Ultra-Short-Wave Transmission	66
Feldman, C. B.	Direction of Arrival of Radio Waves	305
	Electrical Constants of the Ground	372
Fischer, H. B.	New Airport Receivers	258
Frederick, H. A.	Early Handsets	322
Fry, T. C.	Mathematical Theory of Rational Inference	185
Gohn, G. R.	How Sharply Can a Metal Part Be Bent?	230
Harper, R. W.	Regulation of Central Office and Tie Trunk Service in Private Branch Exchanges	235
Hayward, J. M.	Telephone for Use in Explosive Atmospheres	297
Hewitt, F. H.	Testing the Life of Dial Apparatus by Machines	177
Hilton, L. B.	Current Transformer for Low Radio Frequencies	24
Hoch, E. T.	Minimizing Modulation in Transformers	117
Holman, E. W.	An Artificial Voice for Transmission Studies	85
Ingmanson, J. H.	Moisture-Proofing Transmitters with Rubber	57
Insley, N.	Resistance Lamps	170
Kahl, W. E.	Adjusting Precision Filters	379

KELLY, M. J.	The Caesium-Oxygen-Silver Photoelectric Cell	34
KELSO, H. D.	Adapting the Telephone Repeater to Train Dispatching	281
KRANTZ, H. K.	Jacks and Plugs for Portable Telephones	343
LACY, L. Y.	Automatic Articulation Testing Apparatus	276
LALLY, W. J.	Weatherproofing of Telephone Wire	108
LANE, C. E.	Filters in Action	2
LECONTE, R. A.	Open-Wire Program Circuits	162
LEYDEN, A. F.	Water at West Street	13
LOVELL, G. H.	Continuously Adjustable Band Pass Filter	173
LUTOMIRSKI, K.	Toll Transmission Measuring System for the No. 8 Test and Control Board	367
MACNAIR, W. A.	Western Electric Noiseless Recording	219
MALM, F. S.	Joints in the Insulation of Submarine Cable	327
MARSHALL, T. A.	Long Distance Telegraph Circuits	154
MCLEAN, D. A.	Wetting of Solids by Liquids	49
MENDENHALL, H. E.	100 Kilowatt Vacuum Tube	98
MILLER, R. A.	The 80A Amplifier	60
MOLINA, E. C.	Trunking as a Problem of Probability	354
MUNSON, W. A.	Articulation Testing	273
MURPHY, E. J.	Direct Current Conduction in Dielectrics	8
OTTMAN, R. E.	Distributing Toll Tickets by Pneumatic Tubes	145
PARSONS, L. E.	Telephone Manufacturing Information	123
REICHLE, W. E.	Highly Selective Weather and Beacon Radio Receiver for Airplane Use	264
REISE, H. A.	5000-Volt Mercury-Vapor Rectifier for the 6B Radio Broadcasting Transmitter	347
SAVAGE, E. S.	Fuses	27
SCHELKUNOFF, S. A.	Surveying in Curved Spaces	241
SCHUMACHER, E. E.	Gases in Metals	17
SLONCZEWSKI, T.	Measuring Inductance with a Resistor	77
SNOW, W. B.	Auditory Perspective	194
STILLWELL, A. L.	Equalizers in Open-Wire Carrier Circuits	113
STONE, J. R.	Moving the Toll Ticket	150
SWARTZEL, K. D., JR.	Measurement of Transmission Loss Through Partition Walls	246
THURAS, A. L.	Loud Speakers and Microphone for Auditory Perspective	203
WALTHER, H.	Dissipation Constants in Solids	363
WEINHART, H. W.	Winding Silica Springs	316
WHEELER, C. H.	Testing in Explosive Atmospheres	301
WILHELM, H. T.	Self-Contained Bridge for Measuring Both Inductive and Capacitive Impedances	181
WOODBURY, T. C. M.	Reproduction of Pencil-on-Paper Drawings by Mechanical Means	238
WRIGHT, J. C.	Maintaining Quality in Bell System Dry Batteries	332
YAGER, W. A.	Electrical Leakage Over Glass Surfaces	40
YOURY, W. H. S.	First Aid Kits and Facts	136
ZAMMATARO, S. J.	Standardizing Basic Electrical Units	358